

N-VIS® P PLUS™

VISCOSIFIER

Product Description

N-VIS® P PLUS™ viscosifier is a blend of polymers used to provide viscosity and filtration control in water-based DRIL-N® reservoir drill-in fluids. Together with BARACARB® or BARAPLUG® bridging agents, it can build drill-in fluids that afford high levels of protection of the reservoir formation while providing excellent cuttings transport capabilities. N-VIS P PLUS viscosifier can be used in all brines up to 11.8 lb/gal (1.32 SG) and up to 250°F (120°C).

Applications/Functions

- » N-VIS P PLUS viscosifier is designed for application in drilling, completion, and workover operations, helps provide a shear thinning fluid viscosity at high rates of shear, an elevated solution viscosity under static conditions and superior filtration control.
- » N-VIS P PLUS viscosifier when used with specially sized bridging/weighting particles, can reduce whole fluid and filtrate invasion into the productive zone and thereby minimize internal formation damage. Fluid compositions mixed with N-VIS P PLUS viscosifier can be used for the following applications:
 - Drilling into pay zone
 - Underreaming
 - Milling
 - Washing sand

Advantages

- » Applicable in sea water, potassium chloride, sodium chloride, and sodium bromide solutions.

Note: Suitable composition can also be formulated in calcium chloride with brine densities up to 11.8 lb/gal (1.32 SG).

- » Effective in well control applications when properly formulated because it forms a thin, ultra low permeable, readily removable filter cake that prevents solids and fluid invasion into producing formations.
- » Polymer synergism helps provide thermally stable fluid rheological properties with improved suspension at downhole temperatures up to 250°F (120°C) with the addition of a pH buffer.

Typical Properties

- » Appearance: Free-flowing white powder
- » Solubility: Water Soluble

Recommended Treatment

Add 1.0-7.0 lb/bbl (2.9-20 kg/m³).

Packaging

N-VIS P PLUS viscosifier is packaged in 50-lb (22.7-kg) sacks.

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